

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/08045

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 C07C29/42		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 C07C		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) CHEM ABS Data, EPO-Internal, BEILSTEIN Data, WPI Data, PAJ		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	YUS, MIGUEL ET AL: "Arene-catalyzed lithiation reactions with lithium at low temperature" JOURNAL OF THE CHEMICAL SOCIETY, CHEMICAL COMMUNICATIONS (1991), (6), 398-400 , XP001118749 cited in the application the whole document <div style="text-align: center; margin-top: 20px;">--- -/--</div>	1-3
<div style="display: flex; justify-content: space-between;"> <input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex. </div>		
<div style="display: flex;"> <div style="flex: 1;"> <p>* Special categories of cited documents :</p> <p>*A* document defining the general state of the art which is not considered to be of particular relevance</p> <p>*E* earlier document but published on or after the international filing date</p> <p>*L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>*O* document referring to an oral disclosure, use, exhibition or other means</p> <p>*P* document published prior to the international filing date but later than the priority date claimed</p> </div> <div style="flex: 1;"> <p>*T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>*X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>*Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</p> <p>*Z* document member of the same patent family</p> </div> </div>		
Date of the actual completion of the international search <div style="text-align: center; margin-top: 10px;">14 October 2003</div>		Date of mailing of the international search report <div style="text-align: center; margin-top: 10px;">21/10/2003</div>
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Authorized officer <div style="text-align: center; margin-top: 10px;">Bonnevalle, E</div>

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>SUGA, KYOICHI ET AL: "Reaction of acetylenic hydrocarbons with .alpha., .beta.-unsaturated ketones in tetrahydrofuran in the presence of lithium naphthalene"</p> <p>CANADIAN JOURNAL OF CHEMISTRY (1968), 46(19), 3041-5 ,</p> <p>XP008022678</p> <p>cited in the application</p> <p>the whole document</p> <p style="text-align: center;">---</p>	1-3
Y	<p>MIDLAND, M. MARK: "Preparation of monolithium acetylide in tetrahydrofuran. Reaction with aldehydes and ketones"</p> <p>JOURNAL OF ORGANIC CHEMISTRY (1975), 40(15), 2250-2 ,</p> <p>XP002074836</p> <p>the whole document</p> <p style="text-align: center;">---</p>	1-3
Y	<p>FR 2 772 023 A (UNIV RENNES)</p> <p>11 June 1999 (1999-06-11)</p> <p>the whole document</p> <p style="text-align: center;">-----</p>	1-3

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Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
FR 2772023	A	11-06-1999	FR 2772023 A1	11-06-1999
			AU 1492999 A	28-06-1999
			WO 9929644 A1	17-06-1999
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